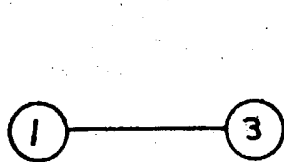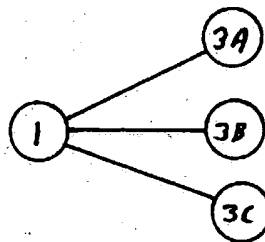Fig. 1A

Fig. 1B

Fig. 1C

Fig. 1D

Fig. 1E

Fig. 1F

1A — 3c
1B — 3B
1C — 3A

1A — 3A
1B — 3B
1C — 3C

100

110

122

130

123 140 121

120

NIDs
1A
1B
1C

1A
3c

1B
3B

1C
3A
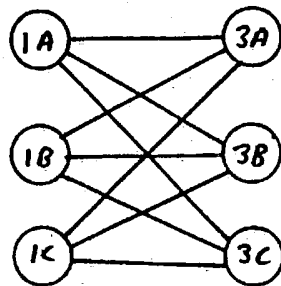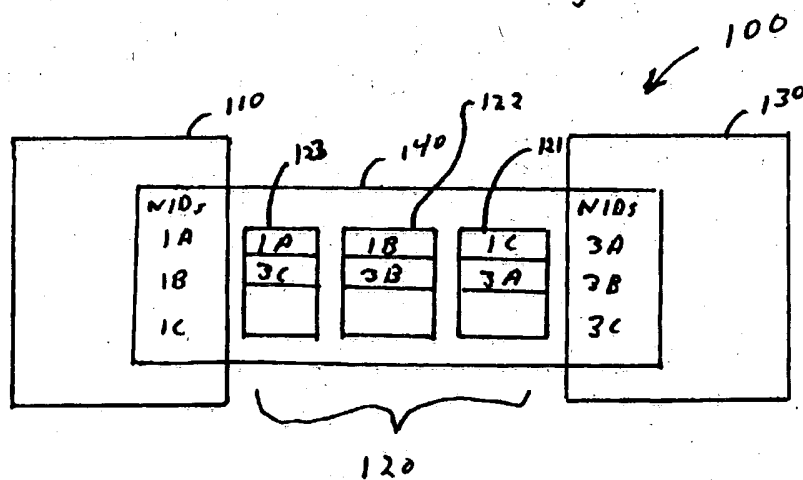
NIDs
3A
3B
3C

Fig. 1G

Packet No.	Source Node	Dest. Node	NID (Source)	SID (Packet)	DID (Packet)
121	110	130	1A	1A	3C
122	110	130	1A	1B	3B
123	110	130	1A	1C	3A

Fig. 1H

Packet No.	Source Node	Dest. Node	NID (Source)	SID (Packet)	DID (Packet)
121	110	130	1A	1A	3A
122	110	130	1A	1A	3B
123	110	130	1A	1A	3C
123	110	130	1B	1B	3A
125	110	130	1B	1B	3B
126	110	130	1B	1B	3C
127	110	130	1C	1C	3A
128	110	130	1C	1C	3B
129	110	130	1C	1C	3C

Fig. 1I
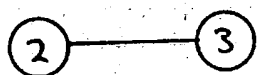
Fig. 1J
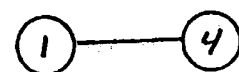
Fig. 1K
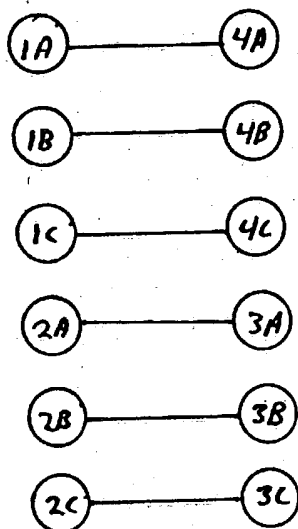
Fig. 1L
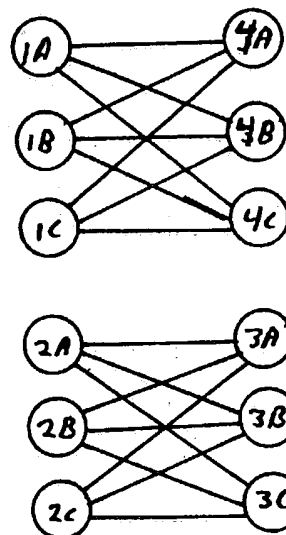
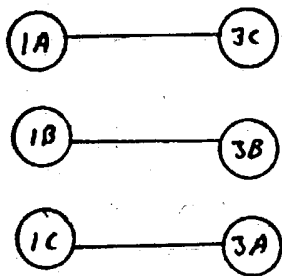
Fig. 1M

Packet No.	Source Node	Dest. Node	NID (Source)	SID (Packet)	DID (Packet)	NID (Dest.)
121	110	130	1A, 1B, or 1C	2A	3A	3A
122	110	130	1A, 1B, or 1C	2B	3B	3B
123	110	130	1A, 1B, or 1C	2C	3C	3C
124	130	110	3A, 3B, or 3C	4A	1A	1A
125	130	110	3A, 3B, or 3C	4B	1B	1B
126	130	110	3A, 3B, or 3C	4C	1C	1C

Fig. 1N

Fig. 2A

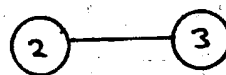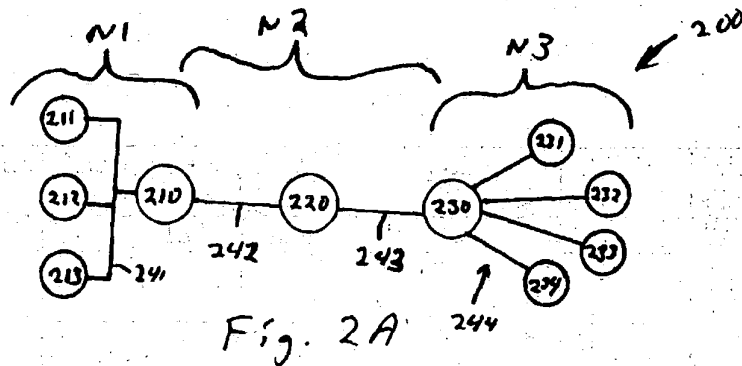| Packet No.	Source Node (NID: 211)	Dest. Node (NID: 234)	Seg. 241 SD Pair (Orig. Packet)	Seg. 242 SD Pair (Enc. Packet)	Seg. 243 SD Pair (Enc. Packet)	Seg. 244 SD Pair (Orig. Packet)
1	211	234	(211,234)	(2A,3A)	(6A,7A)	(211,234)
2	211	234	(211,234)	(2A,3B)	(6A,7B)	(211,234)
3	211	234	(211,234)	(2A,3C)	(6A,7C)	(211,234)
4	211	234	(211,234)	(2B,3A)	(6B,7A)	(211,234)
5	211	234	(211,234)	(2B,3B)	(6B,7B)	(211,234)
6	211	234	(211,234)	(2B,3C)	(6B,7C)	(211,234)
7	211	234	(211,234)	(2C,3A)	(6C,7A)	(211,234)
8	211	234	(211,234)	(2C,3B)	(6C,7B)	(211,234)
9	211	234	(211,234)	(2C,3C)	(6C,7C)	(211,234)
10	234	211	(234,211)	(4A,1A)	(8A,5A)	(234,211)
11	234	211	(234,211)	(4A,1B)	(8A,5B)	(234,211)
12	234	211	(234,211)	(4A,2C)	(8A,5C)	(234,211)
13	234	211	(234,211)	(4B,1A)	(8B,5A)	(234,211)
14	234	211	(234,211)	(4B,1B)	(8B,5B)	(234,211)
15	234	211	(234,211)	(4B,1C)	(8B,5C)	(234,211)
16	234	211	(234,211)	(4C,1A)	(8C,5A)	(234,211)
17	234	211	(234,211)	(4C,1B)	(8C,5B)	(234,211)
18	234	211	(234,211)	(4C,1C)	(8C,5C)	(234,211)

Fig. 2B

Time Block	Packet No.	SD Pair
1	1	(1A, 2B)
1	2	(1C, 2A)
1	3	(1A, 2C)
1	4	(1B, 2B)
1	5	(1C, 2C)
2	6	(1A, 2A)
2	1	(1E, 2E)
2	2	(1F, 2F)
2	3	(1G, 2G)
2	4	(1G, 2F)
2	5	(1F, 2E)
2	6	(1E, 2G)

Fig. 3A

Time Block	Packet No.	SD Pair & Key Combinations
1	1	(1A, 2B, Key #1)
1	2	(1C, 2A, Key #1)
1	3	(1A, 2C, Key #1)
1	4	(1B, 2B, Key #1)
1	5	(1C, 2C, Key #1)
2	6	(1A, 2A, Key #1)
2	1	(1E, 2E, Key #1)
2	2	(1F, 2F, Key #1)
2	3	(1G, 2G, Key #1)
2	4	(1G, 2F, Key #1)
2	5	(1F, 2E, Key #1)
2	6	(1E, 2G, Key #1)

Fig. 3B

Time Block	Packet No.	SD Pair & Key Combinations
1	1	(1A, 2B, Key #1)
1	2	(1C, 2A, Key #2)
1	3	(1A, 2C, Key #3)
1	4	(1B, 2B, Key #4)
1	5	(1C, 2C, Key #5)
2	6	(1A, 2A, Key #6)
2	1	(1E, 2E, Key #7)
2	2	(1F, 2F, Key #8)
2	3	(1G, 2G, Key #9)
2	4	(1G, 2F, Key #10)
2	5	(1F, 2E, Key #11)
2	6	(1E, 2G, Key #12)

Fig. 3C